

Remarks:

Applicants (hereinafter, Applicant) hereby request reconsideration of the application.

Applicant notes the Examiner's acknowledgement of Applicant's claim for priority under 35 U.S.C. § 119(a)-(d).

The Examiner noted that Applicant has not filed a certified copy of the priority application as required by 35 U.S.C. § 119(a)-(d). A certified copy of the priority application is enclosed herewith, as required by 35 U.S.C. § 119(a)-(d).

Claims 1-11 are now in the application. Claim 6 has been amended.

In item 4 on page 2 of the above-identified Office action, claims 6 & 9-11 have been rejected as being indefinite under 35 U.S.C. § 112, second paragraph.

In response, claim 6 has been amended to remove typographical error and to recite the word --providing--.

With regard to claims 9-10, the terms, "OSI" and "UPN" are indeed technical terms, which are commonly known by a skilled

artisan. Such a person of ordinary skill in the art knows exactly what these terms are and their parameters.

For further illustration, these terms are explained below:

OSI: Open systems architecture.

UPN: A UPN interface is identical to an Up0/E interface. The Up0/E interface is a specific interface to connect digital terminals to a telecommunication device (e.g., a PBX).

Further, an Applicant may be his or her own lexicographer; also, the terms in the claims are not given a meaning repugnant to any usual meaning of these terms.

The above-noted change to the claim is provided solely for the purpose of satisfying the requirements of 35 U.S.C. § 112. The change is neither provided for overcoming the prior art nor does it narrow the scope of the claim for any reason related to the statutory requirements for a patent.

In item 6 on page 3 of the Office action, claims 1-11 have been rejected as being obvious over Shaffer et al. (U.S. Pat. No. 6,185,290 B1) (hereinafter, "Shaffer") under 35 U.S.C. § 103.

Before discussing the prior art in detail, it is believed that a brief review of the invention as claimed, would be helpful.

Claim 1 calls for, *inter alia*, a telecommunication system having a remote administration function, comprising:

a telecommunications apparatus defining a virtual terminal with properties of a terminal with administration authorization; and

a remote computer connected to said telecommunications apparatus, and a data stream to and from said virtual terminal being diverted to said remote computer. (Emphasis added.)

Accordingly, in the present invention, a virtual terminal having the properties of a terminal with administration authorization is defined. The data stream to and from the virtual terminal is diverted to a remote computer (PC) connected to the telecommunication system.

The Shaffer reference discloses a one number, multi-application, intelligent call processing system providing service benefits to a caller, a servicing location and/or a vanity number advertiser during a call, parallel to the call and/or post call in an integrated common architecture. To

provide these benefits, the system utilizes Voice Response Unit (VRU) technology with the national telecommunications network connected via Computer Telephone Integration (CTI) to a virtual telephone number database containing a nation-wide master list of telephone numbers with thousands of attribute data items associated by Spatial Key linkage to each telephone number.

There, a caller dials a selected telephone number to request information and/or services. Based on the number dialed, a caller or network-provided 10 digit telephone number and VRU prompted for and received-caller input, the system retrieves the application requested data from the virtual telephone number database. The application uses the retrieved information to direct the VRU to speak selected retrieved information to the caller that is desired by the caller or needs to be verified by the caller, to automatically connect the caller with a servicing location whose service area can be geographically defined as any size or shape and encompasses the caller provided telephone number's location.

In contrast, the telecommunication system of the present invention includes a virtual end device and a remote computer (for example, a PC); the characteristics of an administrative end device are assigned to the virtual end device. A data

flow to and from the virtual end device is diverted to the remote computer (PC).

Because of the diversion of the data flow from and to the remote computer, a user can manage the telecommunication system from the remote computer in a simple and comfortable manner. Further, no additional hardware resources are occupied due to the fact that only a virtual end device is provided.

In contrast, Shaffer teaches a CTI network through which additional services are provided for a subscriber, when inputting a specific "vanity telephone number" (for example, 1-800-FLORIST), at an end device, which is connected to the CTI network. The additional services are realized by accessing a "national virtual telephone number database", a "servicing location", or a "vanity number advertiser." In order to do so, the CTI network includes a special "call processing center" that recognizes a "vanity telephone number" and controls the "call processing" accordingly.

Moreover, Shaffer does not disclose a remote administration of a telecommunication system. Also, Shaffer does not teach or suggest providing a virtual end device with the characteristics of an administrative end device, whereby a data flow to and from the virtual end device is diverted to a

remote computer, so that an administration of the telecommunication system via the remote computer is enabled, in contrast to claim 1 of the instant application.

Clearly, the reference does not show "a telecommunications apparatus defining a virtual terminal with properties of a terminal with administration authorization; and a remote computer connected to said telecommunications apparatus, and a data stream to and from said virtual terminal being diverted to said remote computer", as recited in claim 1 of the instant application (emphasis added). Thus, neither can the specific combination of the aforementioned limitations be shown.

Thus, due to the major differences between the objects and the solutions of the *present invention* and the cited art, the person of skill in the art cannot arrive at the present invention.

Applicant further believes that there is no teaching or suggestion in the reference indicating such modifications, as asserted by the Examiner.

In response to the Examiner's "obvious" assertions on page 4 of the Office action, Applicant respectfully requests the Examiner to provide references teaching a specific combination, such as the one taught by the present invention.

In other words, the features including the limitations "a telecommunications apparatus defining a virtual terminal with properties of a terminal with administration authorization", and "a remote computer connected to said telecommunications apparatus, and a data stream to and from said virtual terminal being diverted to said remote computer", as recited in claim 1, attain the present invention's objectives and are not taught or suggested by the reference, whether taken alone or in any combination (emphasis added).

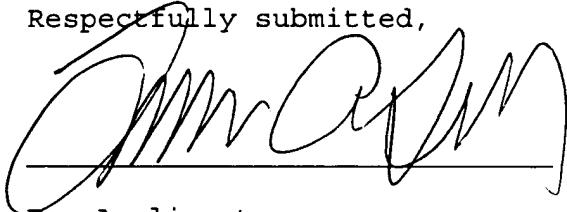
It is accordingly believed to be clear that none of the references, whether taken alone or in any combination, either show or suggest the features of claim 1. Claim 1 is, therefore, believed to be patentable over the art and since all of the dependent claims are ultimately dependent on claim 1, they are believed to be patentable as well.

In view of the foregoing, reconsideration and allowance of claims 1-11 are solicited.

In the event the Examiner should still find any of the claims to be unpatentable, the Examiner is respectfully requested to telephone counsel so that, if possible, patentable language can be worked out.

Please charge any other fees which might be due with respect to Sections 1.16 and 1.17 to the Deposit Account of Lerner and Greenberg, P.A., No. 12-1099.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "CGM".

For Applicant

VRP:cgm

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VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

Claim 6 (amended). The telecommunication system according to claim 1, wherein said remote computer has a message interpreter and an emulator providing [roviding] an interface and functionality of said terminal with administration authorization.